

REMARKS/ARGUMENTS

It is asserted that these amendments do not add new matter and are supported by the specification and claims as originally filed. Entry of these claims is respectfully requested.

Claims 15-26 and 29-39 have been rejected.

Claims 15, 23, 32, and 34 have been amended.

Claims 14-19, 24-30, and 35-38 are kept unchanged.

Claims 20-22, 31 and 33 are cancelled.

Claims 15-19, 23-30, 32, and 34-40 are pending in the application.

Claims 27 and 28 have been objected to.

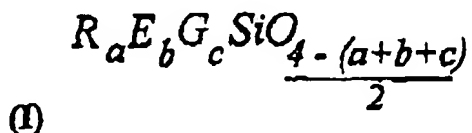
Claim 40 has been filed.

Amended claim 15 has been merged with claim 20 (in part) and 22 (in part).

New claim 40 finds support in example 2.

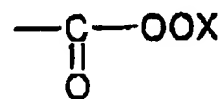
Claims 15-26 and 29-39 have been rejected under 35 U.S.C. § 102 (b), as anticipated by, or, in the alternative, under 35 U.S.C. § 103 (a), as obvious over GB 897,973.

The claimed invention relates to polyorganosiloxanes (POSSs) comprising siloxane units having the following formula (I):



wherein:

- a + b + c is from 0 to 3,
- a, b and c are from 0 to 3,
- R, which is identical or different, is a monovalent hydrocarbonaceous group,
- E, which is identical or different, is a monovalent functional substituent selected from the group consisting of (cyclo)aliphatic hydrocarbonaceous groups, aromatic hydrocarbonaceous groups and heterocyclic hydrocarbonaceous groups, carrying



one or more functional group Fpo of the following formula,

wherein X is hydrogen, a halogen atom, or a cation forming a salt with the acyl peroxide anions,

- G, which is identical or different, is a functional substituent comprising one or more Fpo-stabilizing functional group Fstab, which are identical to or different from one another, capable of bonding via weak bonds with the Fpo functional group,
 - the concentration {Fpo} of Fpo functional groups, expressed by the ratio

$$\{\text{Fpo}\} = \frac{\text{Fpo number}}{\text{Total number of silicon atoms in the POS}}, \text{ is greater than 0, and}$$
 - the concentration {T and/or Q}, as mol%, of units selected from the group consisting of T units and Q units, is from 0 to 20, T units being defined as siloxane units wherein a+b+c=1, and Q units being defined as siloxane units wherein a+b+c=0.
- Thus, the claimed polyorganosiloxanes present a group E, which is a monovalent functional substituent selected from the group consisting of (cyclo)aliphatic hydrocarbonaceous groups, aromatic hydrocarbonaceous groups and heterocyclic

hydrocarbonaceous groups, carrying one or more functional group Fpo of the

following formula, $\begin{array}{c} \text{---C---OOX} \\ || \\ \text{O} \end{array}$, wherein X is hydrogen, a halogen atom, or a cation forming a salt with the acyl peroxide anions.

GB 897,973 does not teach nor suggest polyorganosiloxanes carrying a group E as defined above. In fact according to page 2, lines 2-4 of the specification of that British patent, when Y is acyl, the formed peroxides functions are esters and R₁₁ is a hydrocarbon group.

For these reasons, Applicant respectfully requests that the Examiner now reconsider and withdraw the rejection of claims 15-26 and 29-39, under U.S.C. § 102 (b), as anticipated by, or, in the alternative, under 35 U.S.C. § 103 (a), as obvious over GB 897,973. Furthermore, the claimed polyorganosiloxanes are not only distinct from those taught by GB 897,973, but also present valuable properties in dental and detergent compositions. Those properties are neither disclosed nor taught by that cited document.

Applicant is enclosing herewith an Associate Power of Attorney.



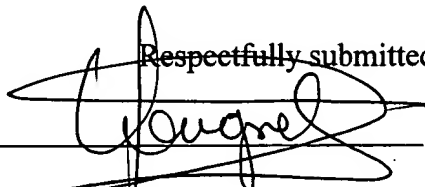
Docket No. RN98173
Serial No: 09/857,578
AMENDMENT

In view of the preceding remarks, it is asserted that the patent application is in condition for allowance. Should the Examiner have any question concerning these remarks that would further advance prosecution of the claims to allowance, the examiner is cordially invited to telephone the undersigned agent at (609) 860-4180. A notice of allowance is respectfully solicited.

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RN98173.Amendment

Respectfully submitted,
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